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Part Number:

0873812218

Status:

Active

Overview:

Milli-Grid Connector System

Description:

2.00mm Pitch Milli-Grid Receptacle, Surface Mount, Top Entry, 0.38µm Gold (Au) Plating, without Cover, with Locating Peg, 22 Circuits, Lead-Free



Documents:

3D Model

Drawing (PDF)

Product Specification PS-87380-002-001 (PDF)

Packaging Specification 873810001-PK-000 (PDF)

Packaging Specification PK-87368-0001-001 (PDF)

RoHS Certificate of Compliance (PDF)

Product Literature (PDF)

Agency Certification		
CSA		LR19980
UL		E29179
General		
Product Family		PCB Receptacles
Series		87381
Application		Board-to-Board, Signal
Comments		With Pegs, With Pegs
Overview		Milli-Grid Connector System
Product Literature Order No		987650-1991
Product Name		Milli-Grid
UPC		822348641260
Physical		
Circuits (Loaded)		22
Circuits (maximum)		22
Color - Resin		Black
Durability (mating cycles max)		25
Flammability		94V-0
Glow-Wire Capable		No
Lock to Mating Part		None
Material - Metal		Phosphor Bronze
Material - Plating Mating		Gold
Material - Plating Termination		Tin
Material - Resin		High Temperature Thermoplastic
Net Weight		0.565/g
Number of Rows		2
Orientation		Vertical
PCB Locator		Yes
PCB Retention		None
Packaging Type		Tube
Pitch - Mating Interface		2.00mm
Pitch - Termination Interface		2.00mm
Plating min - Mating		0.381µm
Plating min - Termination		1.270µm
Polarized to PCB		Yes
Stackable		Yes
Surface Mount Compatible (SMC)		N/A
Temperature Range - Operating		-55° to +105°C
Termination Interface: Style		Surface Mount
Electrical		
Current - Maximum per Contact		1.9A
Voltage - Maximum		125V

EU ELV

Compliant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - ED/71/2019 (16 July 2019)

Halogen-Free

Status

Not Low-Halogen

For more information, please visit

Contact US

China ROHS

Green Image

ELV

Compliant

RoHS Phthalates

Not Contained

Search Parts in this Series

87381 Series

Mates With

87758 Vertical, Through Hole, Stackable PCB Header, 87759 Vertical, Surface Mount, Stackable PCB Header, 87760 Right Angle, Through Hole, Stackable PCB Header, 87831 Vertical, Through Hole PCB Header, 87832 Vertical, Surface Mount PCB

Solder Process Data

Duration at Max. Process Temperature (seconds)	005
Lead-freeProcess Capability	SMC&WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	265

Material Info

Reference - Drawing Numbers

Packaging Specification	873810001-PK-000, PK-87368-0001-001
Product Specification	PS-87380-002-001
Sales Drawing	SD-87381-XXXX-001

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